

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---------------------------------|------------------|---------|------------------|
| S170 | 189 | (resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) with (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas. | USPAT | OR | ON | 2009/12/09 12:05 |
| S171 | 357 | (resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) with (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:05 |
| S172 | 326 | (biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422"). clas. and (spacing or gap or space) with (adjust\$4 or control\$4 or vary\$4) | USPAT | OR | ON | 2009/12/09 12:06 |
| S173 | 148 | (resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas. | USPAT | OR | ON | 2009/12/09 12:09 |

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|------|------|---|---------------------------------|----|----|------------------|
| S174 | 293 | (resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:12 |
| S175 | 0 | 422/82.05-82.11.ccls. and reflective near5 (surface or substrate or layer) near8 (array or pattern) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) | USPAT | OR | ON | 2009/12/09 12:23 |
| S176 | 14 | 422/82.05-82.11.ccls. and cavity with (array or pattern) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) | USPAT | OR | ON | 2009/12/09 12:24 |
| S177 | 2131 | cavity with (array or pattern) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) | USPAT | OR | ON | 2009/12/09 12:24 |
| S178 | 275 | ("250" or "356").clas. and cavity with (array or pattern) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:26 |
| S179 | 1 | "20060182659".pn. and region | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:26 |
| S180 | 1 | "20020068018".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:32 |
| S181 | 131 | resonan\$3 near3 optic\$4 near3 cavit\$3 same (biosensor or bio\$sens\$4 or sensor) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:34 |

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|------|-----|---|---------------------------------------|----|-----|---------------------|
| S182 | 1 | "7384797".pn. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:36 |
| S183 | 16 | ("4857273" "5244636" "5340715" "5344784" "5347784" "5434663" "5525466" "5742633" "5745231" "5766957" "5824023" "5835231" "5943136" "6020207" "6210910" "6333458"). PN. OR ("7384797"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 12:36 |
| S184 | 25 | S181 and ("385" or "422" or "436").clas. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/09 12:43 |
| S185 | 131 | resonan\$3 near3 optic\$4 near3 cavit\$3 same (biosensor or bio\$sens\$4 or sensor) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/10 10:44 |
| S186 | 25 | S185 and ("385" or "422" or "436").clas. | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/10 10:44 |
| S187 | 16 | ("4857273" "5244636" "5340715" "5344784" "5347784" "5434663" "5525466" "5742633" "5745231" "5766957" "5824023" "5835231" "5943136" "6020207" "6210910" "6333458"). PN. OR ("7384797"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 10:47 |
| S188 | 275 | ("250" or "356").clas. and cavity with (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO | OR | ON | 2009/12/10 10:47 |
| S189 | 14 | 422/82.05-82.11.ccls. and cavity with (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) | USPAT | OR | ON | 2009/12/10 10:48 |

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|------|------|---|------------------------|----|-----|------------------|
| S190 | 148 | (resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas. | USPAT | OR | ON | 2009/12/10 10:48 |
| S191 | 8 | ("4859060" "4945230" "5437840" "5591407" "5818586" "5867267" "6078395" "6649403"). PN. OR ("7425453"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 11:10 |
| S192 | 5 | S191 and resonan\$5 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 11:13 |
| S195 | 6 | S191 and (cavity or cavities) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/12/10 11:29 |
| S196 | 24 | ("4859060" "5561523" "5646729" "5909280"). PN. OR ("6078395"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 11:31 |
| S198 | 73 | (spr or surface near3 plasmon) same (captur\$4 or bind\$4) and ((mirror or (reflecting or reflective) near2 surface)) with (spac\$3 or adjust\$4 or gap or distance) | US-PGPUB; USPAT | OR | OFF | 2009/12/10 12:04 |
| S199 | 1 | "20020068018".pn. | US-PGPUB; USPAT | OR | OFF | 2009/12/10 12:31 |
| S201 | 1174 | ((mirror or (reflecting or reflective) near2 surface)) with (maintain \$4 or adjust\$4 or keep or stabilize or stabl\$3) near6 parallel | US-PGPUB; USPAT | OR | OFF | 2009/12/10 12:34 |
| S202 | 130 | ((mirror or (reflecting or reflective) near2 surface)) with (maintain \$4 or adjust\$4 or keep or stabilize or stabl\$3) near6 parallel and (biosensor or spr or surface near3 plasmon or resonan\$4 or binding) | US-PGPUB; USPAT | OR | OFF | 2009/12/10 12:34 |

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|------|-----|--|---------------------------|----|-----|---------------------|
| S203 | 193 | ((mirror or (reflecting or reflective) near2 surface)) with (maintain \$4 or adjust\$4 or keep or stabilize or stabl\$3) near6 parallel and (biosensor or spr or surface near3 plasmon or resonan\$4 or binding) | US-PGPUB; USPAT | OR | ON | 2009/12/10 12:34 |
| S204 | 38 | S203 and captur\$4 | US-PGPUB; USPAT | OR | ON | 2009/12/10 12:38 |
| S205 | 84 | S203 and (captur\$4 or attract\$4) | US-PGPUB; USPAT | OR | ON | 2009/12/10 12:38 |
| S206 | 19 | S205 and ("356" or "435" or "422" or "436").clas. | US-PGPUB; USPAT | OR | ON | 2009/12/10 12:43 |
| S207 | 1 | "20020182716".pn. | US-PGPUB; USPAT | OR | ON | 2009/12/10 12:52 |
| S208 | 1 | "20020182716".pn. and (array or pattern or resonan\$4) | US-PGPUB; USPAT | OR | ON | 2009/12/10 12:54 |
| S209 | 87 | ("20020182716" "20030157732" "20040077844" "20050266583" "20060024502" "20060055920" "4121167" "4547801" "4674878" "4935939" "4944985" "5011284" "5017007" "5187461" "5216686" "5242828" "5255067" "5256596" "5293392" "5317587" "5335240" "5359618" "5437840" "5440421" "5442439" "5468656" "5471180" "5527712" "5559597" "5600483" "5609907" "5677924" "5682401" "5684817" "5706306" "5739945" "5771253" "5772905" "5774485" "5784400" "5837552" "5885753" "5943128" "5990850" "5997795" "5998298" "6025202" "6058127" "6067156" "6134043" "6141360" "6149868" "6154591" "6165911" "6242264" "6248674" "6274293" "6278534" "6291924" "6339030" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/10 13:01 |

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|------|------|---|---|----|----|---------------------|
| | | "6351306" "6365059" "6380531" "6396083" "6406777" "6432740" "6434180" "6459716" "6525880" "6546029" "6577660" "6579721" "6608685" "6608716" "6623977" "6649683" "6650675" "6678289" "6700910" "6711200" "6773616" "6808954" "6861263" "6867900" "6970239" "6975891" "6989897").PN. OR ("7511808").URPN. | | | | |
| S210 | 872 | 422/82.05-82.11.ccls. | US-PGPUB | OR | ON | 2009/12/14 16:18 |
| S211 | 7730 | 435/7.1.ccls. | US-PGPUB | OR | ON | 2009/12/14 16:18 |
| S212 | 148 | (resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas. | USPAT | OR | ON | 2009/12/14 16:20 |
| S213 | 12 | unlu.in. and resonan\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON | 2009/12/14 16:21 |
| S214 | 18 | S212 and (biosensor or bio\$sens\$4 or biosens\$4) | USPAT | OR | ON | 2009/12/14 16:22 |
| S215 | 579 | 356/519,454.ccls. | USPAT | OR | ON | 2009/12/14 16:22 |
| S216 | 485 | 356/136,454,480.ccls. | USPAT | OR | ON | 2009/12/14 16:23 |
| S217 | 2200 | 436/164.ccls. | USPAT | OR | ON | 2009/12/14 16:24 |
| S218 | 2704 | 436/164,165.ccls. | USPAT | OR | ON | 2009/12/14 16:24 |
| S219 | 1598 | 385/12.ccls. | USPAT | OR | ON | 2009/12/14 16:25 |
| S220 | 592 | 436/164,165.ccls. | US-PGPUB | OR | ON | 2009/12/14 16:25 |

EAST Search History (Interference)

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